

CLAIMS

1. A method of facilitating service delivery to a first user (A) registered with a home network (home PLMN) for a particular service having an associated service accessible to a service subsystem (4,9) of said home network in a communications system while the first user (A) is roaming in a visited network (visited PLMN) of the communications system, wherein

10 a connection is initiated between said first user (A) and a second user (B) registered with any network of said communications system (101,102),

characterised by the further steps of:

15 a subsystem (5') of said visited network, sending an invocation of a service to said service subsystem (9) of said home network (103),

said service subsystem (5,9) of said home network instructing said subsystem (5') of the visited network to set up a connection between the first user (A) via said subsystem (5') of the visited network to the service subsystem (5,9) of the home network (104),

20 setting up said connection (105),

delivering the associated service to the first user via said connection (106,107,108),

25 disconnecting the delivery of said associated service (109,110), and

redirecting said connection from said first user (A) to said second user (B) (111,112).

30 2. A method according to claim 1, **characterised** before the step of instructing said subsystem (5') of the visited network to set up a connection, the further step of establishing call status data necessary for re-establishment of call state of said service subsystem (9).

3. A method according to claim 1 or 2, **characterised** in that after the step of setting up said connection (105) the further step of the home network (home PLMN) detecting the connection as a connection requiring Intelligent
5 Network service.

4. A method according to claim 3, **characterised** in that said detection is performed by a call to a specific number.

10 5. A method according to any of the preceding claims, **characterised** by the further step of:

storing said call status data in a storage of said service subsystem (5,9) (103).

15 6. A method according to claim 5, wherein the method comprises, after the step of setting up said connection (105), the further step of retrieving said stored call status data of said connection from said memory means for use in delivering said service.

20 7. A method according to any of the preceding claims, wherein the steps of instructing said subsystem (5') of the visited network to set up a connection (104), and setting up said connection (105), including the transfer of a call
25 identity of said initiated connection.

8. A method according to claim 2, wherein the steps of instructing said subsystem (5') of the visited network to set up a connection (104), and setting up said
30 connection (105), including the transfer of said call status data.

9. A method according to claim 8, **characterised** by the further step of:

using said call status data to re-establish call state of said connection.

10. A method according to any of the claims 2-9,
5 wherein the call status data comprises the type of service, A-number, and B-number.

11. A method according to any of the claims 4-10,
wherein the call identity is a part of said specific
10 numbernumber.

12. A method according to any of the preceding claims, wherein the associated service is an announcement.

15 13. A method according to any of the preceding claims, wherein said second user (B) is identified as being within said home network of said first user (A).

14. A data processing system for use in an electronic
20 communication system facilitating service delivery to a first user (A) registered with a home network (home PLMN) for a particular service having an associated announcement accessible to a service subsystem (4,9) of said home network (home PLMN) in said communications system while the
25 user is roaming in a visited network (visited PLMN) of the communications system, comprising distributed computer processing means (1,4,5,1',4',5') for processing data, and storage means connected to said distributed computer processing means for storing data on a storage medium,
30 **characterised** in that said distributed computer processing means (1,4,5,1',4',5') of said communication system is configured to execute the method of any of the claims 1-13.

15. A data processing system for use in a service subsystem (9) of an electronic communication system facilitating service delivery to a first user (A) registered with a home network (home PLMN) for a particular
5 service having an associated announcement accessible to said service subsystem (4,9) of said home network in said communications system while the user is roaming in a visited network (visited PLMN) of the communications system, comprising computer processing means for processing
10 data, and storage means connected to said computer processing means for storing data on a storage medium,
characterised in that said computer processing means of said service subsystem (9) of said home network is configured to
15 receive an invocation of a service from a subsystem (5') of said visited network,
instruct said subsystem (5') of the visited network to set up a connection between the first user (A) via said subsystem (5') of the visited network to the service
20 subsystem (5,9) of the home network (104),
delivering the associated service to the first user via said connection (106,107),
disconnect the delivery of said associated service (109,110), and
25 redirect said connection from said first user (A) to said second user (B) (111,112).

16. A data processing system according to claim 6 or 7, wherein said communications system is a mobile
30 communications system.

17. A computer program element comprising computer program code means to make a distributed data processing system (1,4,5,1',4',5') for use in a communications system,
35 facilitating service delivery to a first user registered

with a home network (home PLMN) for a particular service having an associated announcement accessible to a service subsystem (4,9) of said home network in said communications system while the user is roaming in a visited network
5 (visited PLMN) of the communications system, to perform the steps of the method of any of the claims 1-13.